| LIGHER OF CHAINS |                               |          |         |         |          |           |               |              |                 |   |          | 10/718,562 |                     |    |                 |                    |             |                |          |    |              | HONMA ET AL. |             |           |         |           |           |          |          |                 |   |
|------------------|-------------------------------|----------|---------|---------|----------|-----------|---------------|--------------|-----------------|---|----------|------------|---------------------|----|-----------------|--------------------|-------------|----------------|----------|----|--------------|--------------|-------------|-----------|---------|-----------|-----------|----------|----------|-----------------|---|
|                  |                               |          |         |         |          |           |               |              |                 |   |          |            | Examiner            |    |                 |                    |             |                |          |    |              |              | Art Unit    |           |         |           |           |          |          |                 |   |
|                  |                               |          |         |         |          |           |               |              |                 |   |          |            |                     |    |                 |                    |             |                |          |    |              |              |             |           |         |           |           |          |          |                 |   |
|                  |                               |          |         |         |          |           |               |              |                 |   |          |            | Son L. Mai          |    |                 |                    |             |                |          |    |              |              | 18          |           |         |           |           |          | · · ·    |                 |   |
|                  |                               | _        | _       |         |          | _         |               | r            | _               |   |          |            |                     |    |                 | ו ר                | _           |                |          |    |              |              | <del></del> |           |         |           |           |          |          |                 |   |
|                  | √ Rejected – (Through numeral |          |         |         |          |           |               |              |                 |   |          |            |                     |    | al) Non-Elected |                    |             |                |          |    |              |              |             | Appeal    |         |           |           |          |          |                 |   |
|                  | Rejected - Cancelled          |          |         |         |          |           |               |              |                 |   |          |            |                     |    | 4               | L4                 |             |                |          |    | ı            | A            |             |           | _       |           |           |          |          |                 |   |
|                  | = Allowed                     |          |         |         |          |           |               |              |                 | + Restricted  |          |            |                     |    |                 |                    | I Interfere |                |          |    | 100          |              |             | (         | Obj     | ect       | ed        |          |          |                 |   |
|                  |                               |          |         |         |          |           |               |              |                 |   |          |            |                     |    |                 |                    |             |                |          |    |              |              |             |           |         |           |           |          |          |                 |   |
| ſ                | Claim Date                    |          |         |         |          |           |               |              | Claim           |   |          |            |                     |    | Date            |                    |             |                |          |    | Cla          | im           | Г           | Date      |         |           |           |          |          | $\neg$          | • |
| ŀ                |                               | = a      |         |         |          |           |               |              | Т               | $\neg$  |          |            |                     |    |                 |                    | ĺΠ          |                |          | 1  |              |              | П           |           |         |           |           | П        |          | ┑               |   |
| į                | Final                         | Original | 1       |         |          |           |               |              |                 |   | Final    | Original   | 1                   |    |                 |                    |             |                |          |    | Final        | Original     |             | ١         |         |           |           |          |          | ١               |   |
|                  | 正                             | \$ 6     | ul      |         |          |           | l             |              | - 1             |   | Œ        | රි         |                     |    |                 |                    |             | -              |          |    | "            | ō            |             |           |         |           |           |          |          |                 |   |
| ŀ                | _                             | 1 0      |         | +       | +        | Н         | H             | $\dashv$     | ┪               | $\dashv$  |          | 51         | ┪                   | 十  | 十               | $\vdash$           | H           |                | 十        |    |              | 101          |             | 1         |         | T         |           |          |          |                 |   |
| Ţ                |                               | 1        | I       |         |          |           |               | $\Box$       | $\Box$          | $\Box$  |          | 52         |                     | 1  | $\perp$         |                    | П           | $\blacksquare$ | $\Box$   | ]  |              | 102          |             | 4         | 4       | Ļ         | ļ         | Ц        | $\perp$  | _               |   |
| }                |                               | 3 11     | $\bot$  |         | ▙        | Н         |               | $\dashv$     | +               | -   |          | 53<br>54   | +                   | +  | ┿               | $\vdash$           | Н           | +              | +        | 1  | $\vdash$     | 103          | ╀           | +         | +       | +         | ╁         | Н        | $\dashv$ | $\dashv$        |   |
| ŀ                |                               | 5        | ┿       | ╁       | $\vdash$ | Н         | Н             | $\dashv$     | +               | $\dashv$  | $\vdash$ | 55         | 十                   | +  | +-              | H                  | H           | +              | +        | 1  |              | 105          | $\vdash$    | $\dagger$ | 十       | 士         | $\dagger$ |          |          | ╛               |   |
| į                |                               | 6        | İ       |         |          |           |               |              |                 |   |          | 56         | $\Box$              |    | $\perp$         |                    |             |                |          | ]  |              | 106          | П           | T         | $\top$  | L         | $\Box$    |          |          | $\Box$          |   |
|                  |                               | 1        | 1       | 4       | ╄        | Ш         | Н             | Н            | $\dashv$        | 4   | -        | 57<br>58   | +                   | +  | ┿               | ╀                  | $\vdash$    | +              | -        | ┨  | $\vdash$     | 107<br>108   | 1           | +         | +       | +         | +-        | -        | $\dashv$ | $\dashv$        |   |
| ŀ                |                               | 9        | ╁       | ╁       | ╁╴       | ╂╾┤       | Н             | $\dashv$     | $\dashv$        | $\dashv$  | <b>-</b> | 59         | +                   | 十  | ╁               | 十                  | H           | -              | +-       |    | H            | 109          |             | +         | +       | $^{+}$    | T         | Н        |          | $\dashv$        |   |
| į                |                               | 10       | 土       | 工       |          |           |               |              |                 |   |          | 60         | 二                   |    | I               | 工                  |             | $\Box$         | 工        |    |              | 110          |             | 7         | 1       | Ţ         | Ι         |          |          |                 |   |
| [                |                               | 11       | $\perp$ | ╀       | ╄        |           | Н             | Н            | $\dashv$        |   | -        | 61<br>62   | $\dashv$            |    | +               | ┼-                 | Н           | $\dashv$       | +        | -  | $\vdash$     | 111          | ╂╌┼         | ╬         | +       | +         | ╁         | ┝        | Н        | $\dashv$        |   |
| ŀ                |                               | 12       | ╁       | ╆       | ╁        | ┝∸        | Н             | Н            | $\vdash$        | -   |          | 63         | $\dashv$            | 十  | ╁               | +                  | Н           | 7              |          | 1  | -            | 113          |             | +         | +       | Ť         | T         |          |          |                 |   |
| į                |                               | 14       | İ       | 上       |          |           |               |              |                 |   |          | 64         |                     |    | 工               |                    |             | $\Box$         |          |    |              | 114          |             | Ţ         |         | T         |           |          | $\Box$   | $\Box$          |   |
| Į.               |                               | 15       |         | $\bot$  | 1        | _         |               |              | $\Box$          | 4   | -        | 65         | $\dashv$            | -  | +               | ╄                  | Н           | $\dashv$       | ᅪ        | -  | <u> </u>     | 115<br>116   | ╁┼          | +         | +       | ╀         | ╁         | $\vdash$ |          | _               |   |
|                  |                               | 18<br>17 | +       | ╁       | ╁        | ┝         |               | Н            | Н               | $\dashv$  | -        | 66<br>67   | $\dashv$            | +  | ╁               | ╁                  | Н           | $\dashv$       | +        | 1  | <u> </u>     | 117          | $\vdash$    | 十         | +       | $\dagger$ | ╁         | Н        | H        |                 |   |
| 1                |                               | 18 0     | 汁       | 7.      | 十        | Ι-        | H             | Н            |                 | _   |          | 68         | $\Box$              | 士  |                 |                    |             |                |          | 1  |              | 118          | 口           | I         | 土       | 上         |           |          |          |                 |   |
| [                |                               | (19)     | 4       | $\perp$ | oxday    |           |               | П            |                 | _   |          | 69         |                     | 4  | 4               | 1                  | Ш           | $\perp$        |          | 1  |              | 119          |             | +         | +       | +         | ┼-        | _        | Н        | $\dashv$        |   |
|                  |                               | 20       | ╀       | ╀       | ╄        | ╀         | -             | Н            | $\square$       | $\dashv$  | -        | 70<br>71   | +                   | +  | +               | ╀                  | Н           | $\dashv$       | +        | ┨  | <del> </del> | 120<br>121   | ╁┼          | ┿         | +       | 十         | ╁         | ┝        | Н        | $\dashv$        |   |
| ŀ                |                               | 22       | +       | +-      | +        | H         |               | Н            | $\vdash$        | $\dashv$  | -        | 72         | $\Box$              | 士  | 十               | $\top$             |             |                |          | ]  |              | 122          | $\Box$      | $\pm$     | 士       | Ť         |           |          |          |                 |   |
|                  |                               | 23       | I       | 工       |          |           |               |              |                 |   |          | 73         | $\Box$              | I  | T               | Į.                 |             |                |          | ]  |              | 123          |             | 4         | $\perp$ | $\perp$   | L         | _        | Ш        | $\dashv$        |   |
| }                |                               | (24)     | 4       | +       | ┿        | -         | L             | Н            | Н               | -   | <b> </b> | 74<br>75   | $\vdash$            |    | ╬               | ╀                  | -           | $\dashv$       | +        | ┨  | _            | 124<br>125   |             | +         | ╁       | ╁         | ╀         | $\vdash$ | Н        | $\dashv$        |   |
|                  |                               | 25<br>26 | ╫       | +       | ┿        | ┢         | Н             | Н            | H               | $\dashv$  | $\vdash$ | 76         | -                   |    | 十               | +                  | $\vdash$    | -              | +        | 1  |              | 126          | П           | 1         | 士       |           | 士         |          |          | $\Box$          |   |
|                  |                               | (27/AV   | 江       | 工       |          |           |               |              |                 |   |          | 77         |                     | 1  | I               |                    |             | $\Box$         |          | ]  |              | 127          |             | $\perp$   | $\perp$ | T         | $\perp$   |          |          |                 |   |
|                  |                               | 28       | 4       | 1       | ╄        | ╄         | <b> </b> _    | $\vdash$     | Н               |   | _        | 78<br>79   |                     |    | +               | ╁                  | -           |                |          | ┨. | <u> </u>     | 128<br>129   | +           | +         | +       | ╁         | ╫         | ╁        | Н        |                 |   |
|                  |                               | 29<br>30 | +       | +       | +        | $\vdash$  | <del> -</del> | Н            | Н               | $\dashv$  | -        | 80         | $\vdash$            | ╅  | +               | +                  | $\vdash$    | $\dashv$       | $\dashv$ | 1  | <b>—</b>     | 130          |             | +         | _       | +         | T         | T        | H        | $\Box$          |   |
|                  |                               | 31       | 士       | 1       | 上        | L         |               |              | 口               |   |          | 81         |                     |    | 1               | L                  |             | $\square$      |          | ]  |              | 131          | П           | $\Box$    | $\Box$  | I         | T         |          | П        |                 |   |
|                  |                               | 32       | Ţ       | Ţ       | F        | Г         | lacksquare    |              | Ц               | _]  |          | 82         | $\square$           | -  | +               | +                  | $\vdash$    | $\vdash$       | -        | -  | <u></u>      | 132          |             | +         | +       | +         | +         | ┞        | Н        | $\vdash \dashv$ |   |
|                  |                               | 33       | +       | +       | +        | +         | $\vdash$      | $\vdash$     | $\vdash \vdash$ | $\dashv$  | $\vdash$ | 83<br>84   | ${f H}$             | +  | +               | +-                 | $\vdash$    | $\dashv$       | +        | ┨  | -            | 133          |             | +         | +       | 十         | +         | ╁        | Н        | Н               | • |
|                  |                               | 35       | +       | 士       | 士        | T         | $\vdash$      | $\vdash$     | H               |   |          | 85         |                     | 士  | 士               |                    |             |                |          | 1  |              | 135          |             |           | 士       | I         | I         | 匚        |          |                 |   |
|                  |                               | 36       | 1       | I       | T        |           |               |              | П               |   |          | 86         | П                   | 丁  | Ţ               | $\perp$            | L           | Щ              | $\perp$  | -  |              | 136          |             | $\bot$    | $\perp$ | +         | +         | F        | Ц        | Ц               |   |
|                  | <u> </u>                      | 37<br>38 | +       | ╁       | +-       | ┿         | $\vdash$      | $\vdash$     | Н               | H   |          | 87<br>88   | ┝╌┤                 |    | ┿               | +                  | $\vdash$    | ┝┤             | +        | 1  | -            | 137<br>138   |             | +         | +       | +         | +         | ╁        | $\vdash$ | Н               | l |
|                  |                               | 39       | 十       | 十       | +        | $\dagger$ | $\vdash$      | 一            | Н               | $\dashv$  |          | 89         |                     | _† | +               | 1                  | T           | Ħ              | 士        | 1  |              | 139          | П           | <u>ナ</u>  | 土       | 土         | 土         |          |          |                 | 1 |
|                  |                               | 40       | 1       | 1       | 1        | L         |               | $\Box$       | 口               |   |          | 90         | П                   | コ  | 1               | I                  | Г           | П              | $\perp$  | ]  |              | 140          |             | 4         | Ţ       | Ŧ         | $\bot$    | 1        | Ц        | Ц               | l |
|                  |                               | 41       | $\perp$ | +       | +        | +         | $\vdash$      | <del> </del> | Н               | Н   |          | 91<br>92   | $\vdash \downarrow$ | +  | +               | +                  | +-          | $\vdash$       | +        | -  | -            | 141          |             | $\dashv$  | +       | +         | ╁         | +        | $\vdash$ | Н               | l |
|                  | _                             | 42       | +       | +       | +        | +         | +             | $\vdash$     | Н               | Н   |          | 93         | H                   | +  | +               | +                  | $\vdash$    | H              | _        | 1  |              | 143          |             | <u> </u>  | 士       | 士         | 士         | T        |          | Н               | 1 |
|                  |                               | 44       | 士       | 士       | 士        |           |               |              |                 |   |          | 94         | 口                   | コ  | 1               | 工                  |             | 口              |          | ]  |              | 144          |             | $\supset$ | 丁       | T         | I         |          |          | П               | ĺ |
|                  |                               | 45       | I       | 1       | 1        | F         | F             | F            | Ц               | Н   |          | 95         | Ц                   | _  | - -             | +                  | $\vdash$    | ┞┤             | +        | -  | -            | 145<br>146   |             | +         | +       | +         | +         | ╀        | $\vdash$ | Н               | İ |
|                  | <u> </u>                      | 46       | +       | +       | ╀        | ╁         | ⊢             | ╁            | Н               | H   | -        | 96<br>97   | ┤┤                  | +  | +               | +-                 | ╁           | Н              | +        | 1  | -            | 147          |             | ╅         | +       | +         | +         | +        | $\vdash$ | H               |   |
|                  | <del> </del>                  | 48       | +       | +       | 士        | T         |               | L            |                 | Image: section of the content of the con |          | 98         | 口                   | 士  | 土               |                    |             |                |          | 1  |              | 148          | $\Box$      | 1         | 士       | 1         | I         | L        |          |                 | ĺ |
|                  |                               | 49       | I       | 1       | L        | I         | Γ             | Г            |                 | П   |          | 99         | П                   | 4  | 工               | $oldsymbol{\perp}$ | Ļ           | П              |          | 1  |              | 149          |             | 4         | $\perp$ | $\perp$   | F         | Ļ        | L        |                 |   |
|                  | 1                             | 50       |         | 1       |          | 1         | L             | L            |                 | LJ.   |          | 100        | Ш                   |    | 丄               |                    | 1_          | ш              |          | L  |              | 150          |             |           |         | ᆚ.        | $\bot$    |          | ட        | ш               | j |

Application No.

Applicant(s)